Installation Instructions

Lubricated Compressor Head Replacement Kit

Part #ACH95445 (3/4 HP, 115V)
Part #ACH95450 (3/4 HP, 230V)
Part #ACH95455 (1 HP, 115V)
Part #ACH95460 (1 HP, 230V)

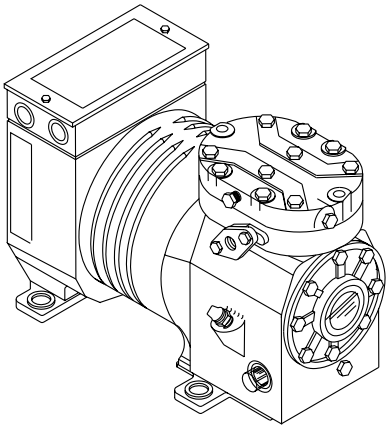
Description:

The Apollo Dental Products replacement head comes complete with the capacitor/relay box, crankcase oil charge, oil level sight glass, and intake filter assembly. Installation of the new motor is made easy when following the detailed instructions listed below.

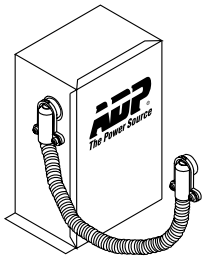
Installation:

Removing the faulty compressor head and capacitor/relay box:

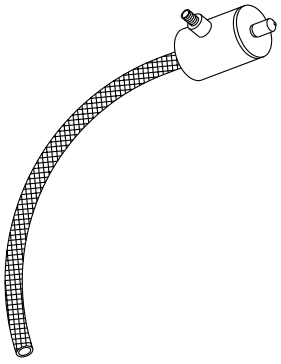
1. Turn power **OFF** to compressor at the **main circuit breaker** panel.
2. Open the storage tank drain valve to release all the air pressure, then **close** the valve.
3. Remove the four screws securing the fan shroud and finger guard to the top of the fan.
4. Remove the compressor motor terminal box lid to expose all electrical connections.
5. Remove all wires and conduit connectors leading from the terminal box.
6. Remove the fan shroud and the head bolts securing the fan brackets to the head.
7. Disconnect the flex discharge line and **remove** the J.I.C. exhaust fitting from the compressor.
8. Remove the four motor mounts and rubber washers and carefully lift the motor off of the tank platform.
9. Remove the capacitor/relay box from the platform.



Replacement Head



Capacitor Relay Box



Intake Filter

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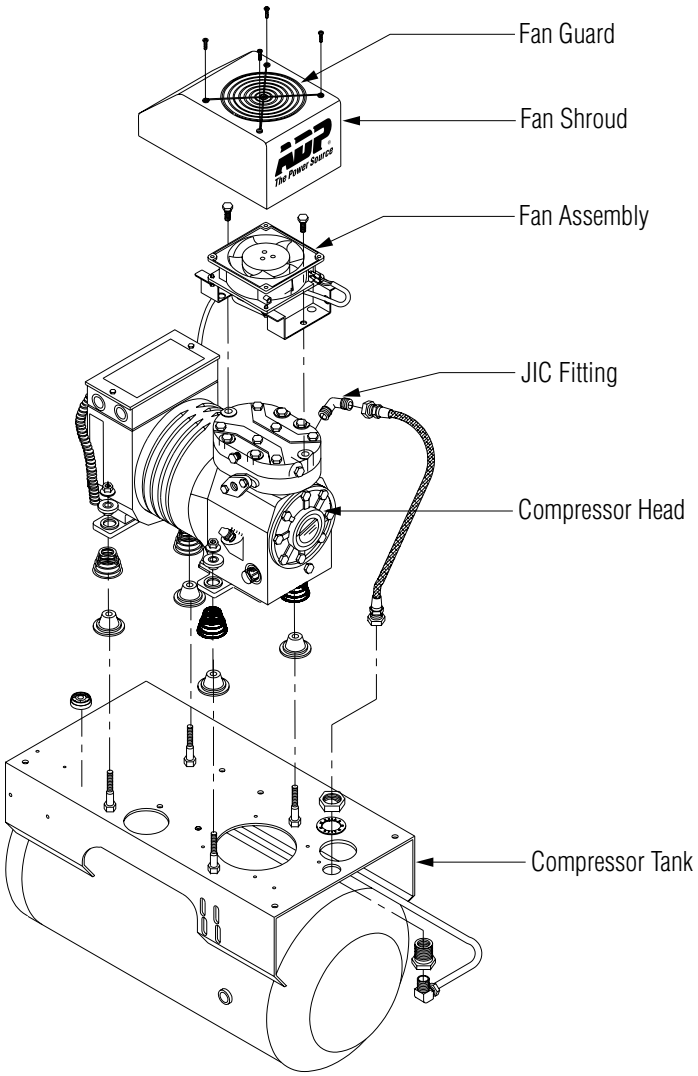


Installation Continued:

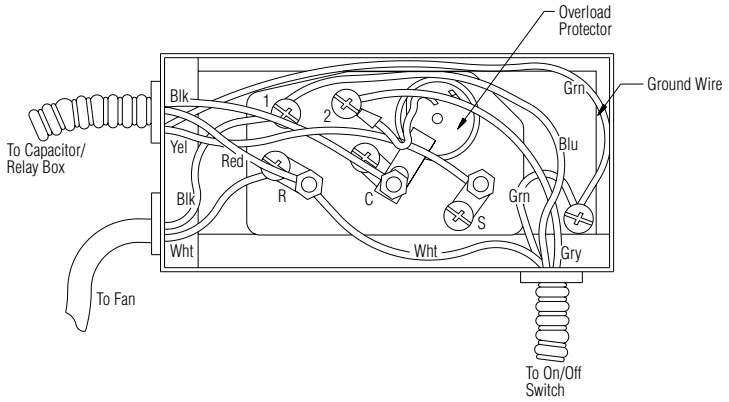
Installing the replacement compressor head and capacitor/relay box:

1. Be certain that the power to the compressor is **OFF** at the **main circuit breaker**.
2. Mount the new capacitor/relay box.

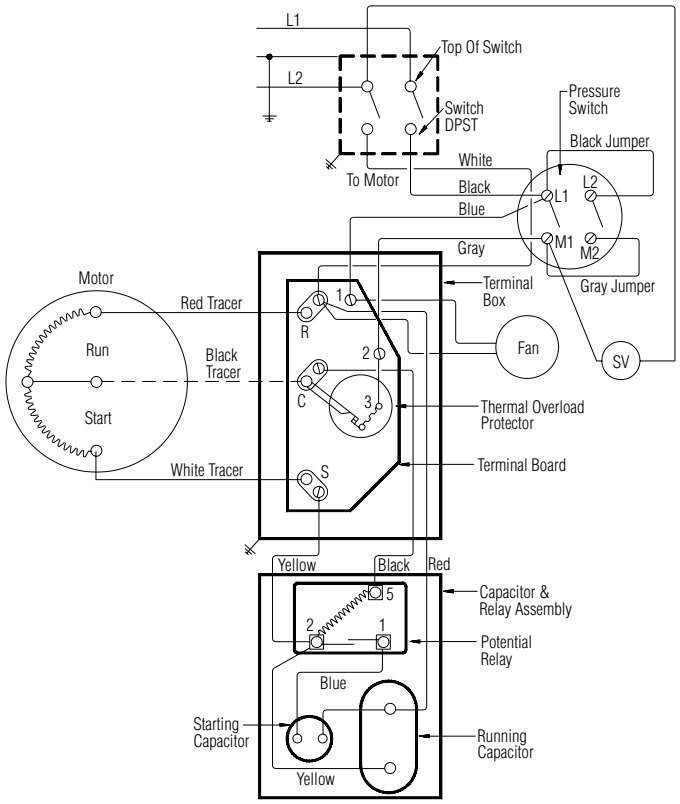
   Note: Capacitor/relay boxes must be replaced when installing a new motor.
3. Carefully place the compressor over the mounting studs, install the 4 (four) rubber washers and tighten the nuts to a point where the top of the nut is flush with the top of the stud. **(Do not compress spring shock mounts.)**

   Note: Head must be level.
4. Install the J.I.C. exhaust fitting into the discharge port of the motor.
5. Install the new compressor intake filter/assembly.
6. Connect the flex discharge line to the J.I.C. fitting.
7. Re-install the fan brackets with fan onto the head.
8. Remove the terminal box lid.
9. Install the two conduit connection elbows and the fan cord retention elbow fitting into the motor terminal box along with the respective wires.
10. Use the wiring diagram provided to make all the electrical connections. (Make sure all connections are tight.)
11. Secure the terminal box lid.
12. Re-install the fan guard/shroud assembly on the fan.
13. Apply power to the compressor and check for and seal any air leaks.

Electrical Box On Top Of Head



Typical Single Head Compressor Wiring Diagram



Warranty Information: 90 Days

All ADP accessories are thoroughly inspected and tested in accordance with rigid specifications and standards. Our accessories are guaranteed against any defective material and workmanship from the date of shipment; provided that the installation, operation, and maintenance is done in accordance with ADP procedures as outlined in our Installation and Maintenance Guides. Warranty cards must be returned to ADP within ten days of installation to effect warranty. No other warranties or guarantees, expressed or implied are made.

ADP's obligation under the warranty is to provide parts for the repair or, at its option, to provide the replacement product (excluding labor). All special, incidental and/or consequential damages are excluded. We will not issue credit for accessories without first attempting to correct the problem in the field. Written notice of breach of warranty must be given to ADP within the warranty period. The warranty does not cove damage resulting form improper installation or maintenance, accident or misuse. The warranty does not cover damage resulting from the use of cleaning, disinfecting or sterilizing chemicals and processes. The warranty does not cover vacuum failures due to hard water deposits. Failure to follow instructions provided in ADP's Installation and Maintenance Guides may void the warranty.